Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**Practice for Circles Quiz 1**

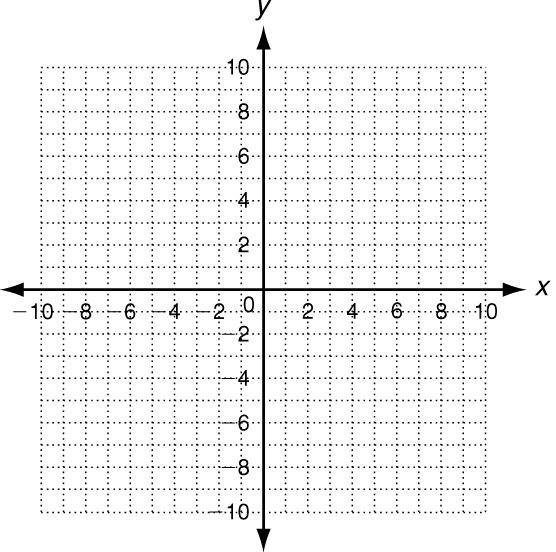
Directions: On a separate sheet of paper, answer each question as it relates to Circle P.

2. If PG = 3cm, what is the length
3. If PG = 4cm, what is the length of arc
4. If PF = 2cm, what is area of the shaded sector?
5. If PD = 8m, what is the area of the non-shaded sector?
6. If PH = 2.5m, what is the length of ?
7. If the radius is 7, what is the area of circle P?
8. If the radius is 7, what is the circumference of circle P?



Directions: Describe the series of transformations necessary to map Circle A onto Circle B.

**Choose one.**

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1. Circle A – center: (2, 0); radius: 3

Circle B – center: (-4, 3); radius: 6

2. Circle A – center: (2, 0); radius: 2

Circle B – center: (-4, 3); radius: 5

3. Circle A – center: (2, 0); radius: 4

Circle B – center: (-4, 3); radius: 3

Describe why all circles are similar.